

BENEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsiklopediia.
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]
1956. 663 p. (MLRA 9:9)
(Agriculture--Dictionaries and encyclopedias)

OANCEA, R., dr.; CHEFRAN, Margareta, dr.

Marfan's syndrome (dolichostenomelia or arachnodactyly).
Med. intern. (Bucur) 16 no.9:1121-1128 S '64.

1. Lucrare efectuată în Clinica medicală, Spitalul clinic
"Fundeni" (director: prof. C.C. Dimitriu).

CHERIAN, Zenobiusz

Bronchial adenoma in a 10-year-old boy. Gruzlica 30 no.2:169-173
'62.

1. Z Oddziału Obserwacyjnego Dziecięcego Ośrodka Sanatoryjno-Prewentyj-
nego w Rabce Dyrektor: dr med. J. Rudnik.

(ADENOMA in inf & child) (BRONCHI neopl)

CHERIAN, Zenobiusz; SZELAGOWICZ, Bozena

A case of malignant ganglioneuroma and pleural empyema with a similar radiological picture. Pediat. Pol. 37 no.5:525-527 My '62.

1. Z Dziecięcego Ośrodka Sanatoryjno-Prewentoryjnego w Rabce Dyrektor:
dr med. J. Rudnik.

(LUNG NEOPLASMS radiog)
(GANGLIONEUROMA radiog)
(EMPYME radiog)

RZEPECKI, Tadeusz; CHERIAN, Zenobiusz

Pulmonary and bronchial tumors in children. Pol. przegl. chir.
36 no.10:1191-1198 O '64

1. Z Oddziału Torakochirurgicznego Dziecięcego Ośrodka Sana-
toryjno-Prewentoryjnego w Rabce (Ordynator: dr. T. Rzepcki).

RZEPECKI, Tadeusz; CHERIAN, Zenobiusz

Conservative pneumonectomy in the treatment of tuberculosis in children and adolescents. Pol. przegl. chir. 36 no.4:435-444 Ap '64.

1. Z Oddziału Torakochirurgicznego Dziecięcego Ośrodka Sanatoryjno-Prewentyjnego w Rabce (Ordynator: dr T. Rzepecki,.

16

CHEREFYOVSKIY, N. F.

CA

Apparatus for bottling under carbon dioxide. N. F. Cherefyovskiy. *Vinodelie i Vinogradarstvo S.S.S.R.* 8, No. 8, 37-8(1948).—Description with diagram of app. employed in bottling bulk fermentation champagne to exclude air through CO₂. H. Gathfield

ASM-11A METALLURGICAL LITERATURE CLASSIFICATION

16

CHERIKCHI, L.Ye.

Stability of the therapeutic effect in the treatment of eye diseases with aloe extract electrophoresis (results of late observations). Uch.zap. UEIGB 5:209-215 '62 (MIRA 16:11)

X

CHERIKCHI, L.Ye.

Importance of the works of Academician V.P. Filatov in the development of health resort science and physical therapy; on the fourth anniversary of his death. Vop. kur. fizioter. i lech. fiz.kul't. 25 no. 5:451-453 S-O '60. (MIRA 13:10)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo instituta glaznykh bolezney i tkanevoy terapii imeni akademika V.P. Filatova.

(FILATOV, VLADIMIR PETROVICH, 1875-1956)

CHERIKCHI, L. Ye., kand. med. nauk

Compound electrotherapy in ophthalmology. Oft. zhur. 17 no.4:
221-227 '62. (MIRA 15:7)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V. P. Filatova (direktor - chlen-korrespondent AMN SSSR prof.
N. A. Puchkovskaya).

(OPHTHALMOLOGY) (ELECTROPHORESIS)
(ELECTROTHERAPEUTICS)

CHERIKCHI, L. Ye., kand. med. nauk

Indications for electrophoresis with aloe extract and diathermy
in the treatment of postoperative and posttraumatic complications.
Oft. zhur. no.2:87-93 '62. (MIRA 15:4)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii im. akad. V. P.
Filatova (direktor - chlen-korrespondent AMN SSSR prof. N. A.
Puchkovskaya)

(OPHTHALMOLOGY) (ELECTROPHORESIS)
(ALOE) (DIATHERMY)

CHERIKOVER, G.S.

L. P. Mal'kov and G. S. Cherkover, in reviewing Warmfeste und Korrosionsbeständige Sinterwerkstoffe (Heat-Resistant and Corrosion-Resistant Sintered Materials), Reutte (Tirol), 1956, write that this "book undoubtedly merits translation into Russian."

CHERIKOVER, L. . .

TROSHICHEV, V. M. - Khudozhnik i, GROMOV, V. L. - Kand. Tekhn. Nauk, POZ-ELES, E. L. - Arkh., PSHEMICHNIKOVA, O. S. - Arkh., BUYANOV, Yu. P. - Inzh., BYKOVSKIY, O. L. - Arkh., BAYAR, O. G. (Rukovoditel'temy) - Kand. Arkhitektury, MAKOTINSKIY, M. P. - Kand. Arkhitektury, RABINOVICH, I. L. - Arkh., CHERIKOVER, L. L. - Arkh., ANIREYEVSKIY, V. G. - Kand Tekhn. Nauk

Nauchnoissledovatel'skiy institut stroitel'noy tekhniki Akademii arkhitektury SSSR

Predlozheniya po oborudovaniyu i otdelke kvartir mnogoetazhnykh zhilykh domov v moskve (Al'bom)
Pa e 67

SO: Collection of Annotations of Scientific Research Work on Construction, completed in 1950. Moscow, 1951

CHERIKOVER, L.Z., kand. arkhitektury

Comfortable furniture for new apartments. Gor. khoz. Mosk. 33
no.3:18-19 Mr '59. (MIRA 12:5)
(Furniture)

CHERIKOVER, R. Z. and GRINBAUM, F. T.

"Antibodies of Blood Plasma," Zentralblatt fur Bakteriologie,
Parasitenkunde, Infektionskrankheiten und Hygiene, Abt.1, Originale, 112,
p. 108-116, 1929

CHERIKOVER, Ya.A.

About hemodermias. Vrach. delo no.11:145 N'63 (MIRA 16:12)

1. Dermato-venerologicheskoye otdeleniye (nachal'nik-kand.med. nauk G.S.Brandorf) Dorozhnoy bol'nitsy L'vovskoy zheleznoy dorogi, Konsul'tant, prof. M.A. Shteynberg.

SHTEYNBERG, M.A., prof.; CHERIKOVER, Ya.A.

Rheumatic fever and the skin. Vest. dermat. i ven. 38 no.1:22-25
Ja '64. (MIRA 17:8)

L. Kozhno-venerologicheskoye otdeleniye (nachal'nik .. kand.
med. nauk G.S. Brandorf) Dorozhnyy bol'nitsy (nachal'nik
P.S. Chernikova) L'vovskoy zheleznoy dorogi i L'vovskiy
oblastnoy venerologicheskoy dispansri (glavnyy vrach .. kand.
med. nauk T.G. Kovalishina).

17

CH

The adsorbing properties of pilular masses. T. Chirikovskaya. *Soviet. Farm.* 1935, No. 1, 7-10.—The adsorbing properties in the pilular mass itself as concerns strychnine nitrate were studied. *Rad. althaeae* and *Rad. liquorice* have the greatest adsorbing power. The dandelion root possesses small adsorbing properties and therefore is suitable as a constituent. It is a mistake to call vegetable constituents indifferent and to keep pills contg. alkaloids for a long time. B. V. Shvartberg

ASB-3.4 METALLURGICAL LITERATURE CLASSIFICATION

2A

72

Naphthalan. T. Cherkovskaya. *Farmakol. i Toksi.* Vol. 3, No. 3, 80-87 (1960). Crude oil from the Naphthalan area differs from other crude oils in having a low volatile content and exceptionally high content of polynuclear aromatic compds. including those with 5 or more rings. It is a low-S, nonparaffin base oil. The fraction used in pharmacy and known as naphthalan has a pressor effect and also has some estrogenic activity but its chief use is in treating skin diseases. Papers read at a clinical conference on naphthalan in Baku in 1939 are briefly reported.

Julian F. Smith

ASD-34 METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOLS

SYMBOL NO.

SYMBOLS REF. AND CITE

SYMBOLS

SYMBOLS

CHERIKOVSKAYA, T.Ya.

~~SECRET~~
Characteristics of the cholinolytic effect of camphor. Farm.1
toks. 10 no.6:12-16 N-D '47. (MLRA 7:2)

1. Iz farmakologicheskogo otdela Vsesoyuznoy nauchno-issledovatel'-
skoy laboratorii dispersnykh lekarstvennykh sredstv (konsul'tant -
chlen-korrespondent Akademii meditsinskikh nauk SSSR professor
V.M.Karasik). (Camphor--Physiological effect)

1. CHERIKOVSKAYA, T. YA.; MIKHEYEVA, A. F.
2. USSR (600)
4. Botany, Medical
7. Fluid extract from the rootstock of "Levzeia soflorovidnaia" (a plant of the compositae family,) as a new stimulant. Apt. delo no. 5, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

CHERIKOVSKAYA, T.Ya.

LEVITSKAYA, V.V., kandidat sel'skokhzyaystvennykh nauk; CHERIKOVSKAYA,
T.Ya., kandidat meditsinskikh nauk

Effective utilization of Vaccinium myrtillus berries. Apt. delo 3
no.5:30-31 S-O '54. (MLRA 7:12)

1. Iz laboratorii tekhnologii lekarstvennykh form i galenovykh
preparatov i iz laboratorii farmakologii TSentral'nogo nauchno-
issledovatel'skogo aptechnogo instituta (dir. Ye.N.Kutumova)
(PLANTS,

Vaccinium myrtillus berries, pharmacol. use)

CHERIKOVSKAYA, T.Ya.; PIGULEVSKAYA, N.N.; PYATNITSKAYA, Ye.F.

Biological action of valerian preparations. Apt.delo 4 no.4:42-44
Jl-Ag '55. (MLRA 8:10)

1. Iz laboratorii farmakologii TSentral'nogo nauchno-issledovatel'-
skogo aptechnogo instituta (TsANII) Glavnogo aptekospravleniya
Ministerstva zdravookhraneniya SSSR.
(VALERIAN, effects,
standard)

CHERIKOVSKAYA, T. Ya.

CHERIKOVSKAYA, T. Ya.

Method for preparing a ginseng infusion. Apt.delo 6 no.5:55-58
S-0 '57. (MIRA 10:11)

1. Iz laboratorii farmakologii Tsentral'nogo nauchno-issledovatel'-
skogo aptechnogo instituta Ministerstva zdravookhraneniya SSSR.
(GINSENG)

CHERIKOVSKAYA, T.Ya.

Special training in biological standards of drugs containing
cardiac glycosides for pharmaceutical personnel. Apt.delo 7
no.5:52-55 S-0 '58 (MIRA 11:10)

1. Iz laboratorii farmakologii Tsentral'nogo aptechnogo nauchno-
issledovatel'skogo (dir. Ye.N. Kutumova) Ministerstva zdravookhraneniya
SSSR.

(CARDIAC GLYCOSIDES)
(BIOLOGICAL ASSAY)

TRAKMAN, Yu.G.; CHERIKOVSKAYA, T.Ya.; PAPERINA, T.E.

Preparations from Sterculia platanifolia, a new stimulant.
Sov.med. 23 no.6:107-110 Je '59. (MIRA 12:9)

1. Iz Tsentral'nogo aptechnogo nauchno-issledovatel'skogo
instituta (dir.Ye.N.Kutumova) Ministerstva zdravookhraneniya
RSFSR i psikhonevrologicheskogo otdeleniya (zav. - prof.S.I.
Subbotnik) bol'nitsy Kalininskoy zheleznoy dorogi.
(PLANTS, MEDICINAL extracts)
(HEART pharmacol.)

CHERILOVSKAYA, Tereza Yakovlevna; PIGULEVSKAYA, Nataliya Nikolayevna;
POLYAKOV, N.G., doktor med. nauk, red.; MANIKOV, M.Ye., red.;
ROMANOVA, Z.A., tekhn. red.

[Concise methodological manual on biological standardization
of cardiotonics and valerian] Kratkoe metodicheskoe posobie po
biologicheskoi standartizatsii serdechnykh sredstv i valer'iany.
Pod red. N.G. Poliskova. Moskva, Gos. izd-vo med. lit-ry Medgiz,
1960. 90 p. (MIRA 14:5)

(BIOLOGICAL ASSAY) (CARDIAC GLYCOSIDES) (VALERIAN)

PIGULEVSKAYA, E.N.; POLYAKOV, N.G.; CHERIKOVSKAYA, T.Ya.

Study of the possibility of using cymarín as a standard for
the biological evaluation of Adonis preparations. Apt. delo
9 no. 4:51-55 J1-Ag '60. (MIRA 13:8)
(CYMARIN) (ADONIS)

CHERIKOVSKAYA, T.Ya., starshiy nauchnyy sotrudnik, kand.med.nauk

Comparative characteristics of the existing methods of biological evaluation of Digitalis leaves and preparations by testing them on frogs. Sbor.nauch.trud. TSANII 2:149-155 '61. (MIRA 16:5)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii lekarstv (rukovoditel' laboratorii - doktor med.nauk, prof. N.G. Polyakov) TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

(DIGITALIS) (BIOLOGICAL ASSAY)

CHERIKOVSKAYA, T.Ya., starshiy nauchnyy sotrudnik, kand.med.nauk

Comparative characteristics of the methods of biological evaluation of preparations of lily-of-the-valley, Adonis, Indian hemp, Strophathus, Erysimum canescens, and oleander by testing them on grass and lake frogs. Sbor.nauch.trud. TSANII 2:156-163 '61.
(MIRA 16:5)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii lekarstv (rukovoditel' laboratorii - doktor med.nauk, prof. N.G. Polyakov) Tsentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

(CARDIOVASCULAR AGENTS)

(BIOLOGICAL ASSAY)

CHERIKOVSKAYA T.Ya., starshiy nauchnyy sotrudnik, kand.med.nauk

Comparative sensitivity of the isolated heart of grass and lake
frogs to 2-strophanthin and convallatoxin. Sbor. nauch. trud.
TSANII 3:158-160 '62. (MIRA 16:11)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii le-
karstv (rukovoditel' laboratorii - prof., doktor med.nauk N.G.Pol-
yakov) Tsentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

POLYAKOV, N.G., prof.; CHERIKOVSKAYA, T.Ya., kand. med. nauk;
SIDORKOV, A.M., kand. farmatsevt. nauk; BELEN'KIY,
Ye.Ye., kand. med. nauk; KUZ'MINA, K.K., provizor;
VASIL'YEVA, S.F., provizor; POLYAKOV, N.G., prof.,
red.; FEL'DSHER, L.N., red.; KUCHERENKO, V.D., red.;
CHULKOV, I.F., tekhn. red.

[Basic medicinal preparations and prepared drugs; a
manual for physicians] Osnovnye lekarstvennye preparaty
i gotovye formy; spravochnik dlia vrachei. Moskva,
Medgiz, 1963. 359 p. (MIRA 17:2)

*

CHERIKOVSKAYA, T.Ya., starshiy nauchnyy sotrudnik, kand.med.nauk

Seasonal susceptibility of grass and lake frogs to cardiac glycosides. Sbor. nauch. trud. TSANII 3:146-157 '62. (MIRA 16:11)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii lekarstv (rukovoditel' laboratorii - prof., doktor med.nauk N.G.Polyakov) TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

POCHKOV, N.G., prof.; ~~CHERIKOVSKAYA, T.Ya.~~, kand. med. nauk;
SIDORKOV, A.M., kand. farmatsevt. nauk; KUCHERENKO, V.D.,
provizor; KUZ'MINA, K.K., provizor; VASIL'YEVA, S.F.,
provizor; FEL'DSHER, L.N., provizor; ZAKOSHANSKIY, N.Ya.,
red.

[Prepared drugs; a manual for physicians] Gotovye lekarst-
vennye preparaty; spravochnik dlia vrachei. Moskva,
Meditsina, 1965. 228 p. (MIRA 18:6)

CHERIKSHI, L. Ye

CHERIKSHI, L. Ye., Cand Med Sci -- (diss) "Treatment of eye diseases by means of electrophoresis of aloe extract." Odessa, 1958. 19 pp (Odessa State Med Inst im N.I. Pirogov). 200 copies (KL,20-5 ,102)

CHERIKCHI, L.Ye., kand.med.nauk; DANCHEVA, L.D., starshiy nauchnyy sotrudnik

Influence of galvanization and electrophoresis of miotics on
intraocular pressure. Oft. zhur. 15 no.3:165-171 '60.

(MIRA 14:5)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V.P.Filatova (direktor - prof. N.A.Puchkovskaya)
(ELECTROTHERAPEUTICS) (MIOTICS)
(INTRAOCULAR PRESSURE)

GUDKOV, Aleksandr Ivanovich; LESHAKOV, Pavel Semenovich; RAYKOV,
Leonid Gerasimovich; CHERIKOVSKIY, N.N., inzh., red.;
MOROZOVA, P.B., red.izd-va; VLADIMIROVA, M.S., tekhn.red.

[External loads and the strength of aircraft] Vneshnie na-
gruzki i prochnost' letatel'nykh apparatov. Moskva, Oboron-
giz, 1963. 479 p. (MIRA 17:2)

CHERIN, A.B., kandidat tekhnicheskikh nauk (Moscow)

Action of a selective device with a minimal voltage located at the receiving end of a line with one-sided feed at single-phase cut-off and automatic reclosing. Elektrichestvo no.1:49-51 Ja '49.

(Electric relays)

(MLBA 7:10)

SOVETOV, A.N.; CHERINGOVSKIY, V.N.

Movement of basic neural processes in the cortical end of the
interoceptive analyzer [with summary in English]. Zhur.vys.nerv.
deiat. 9 no.1:63-69 Ja-F '59. (MIRA 12:3)

1. Laboratory of General Physiology, Institute of Normal and Patho-
logical Physiology, U.S.S.R. Academy of Medical Sciences, Moscow.
(REFLEX, CONDITIONED,
basic neural processes in cortical end of intero-
ceptive analyzer (Rus))

BARABASHEV, N.P.; CHERIDIA, A.T.

Color of bright rays from the craters Tycho, Copernicus, and
Kepler. Tsir.Astron.obser. Khar.Un. no.13:3-13 '55.(MLRA 9:4)
(Moon)

CHERIVANENKO, K. P. and MALAKHIYEV, A. M.

"Experience in Planning and Controlling Output and Labor Productivity in the Communications Industry," Vest. Svyazi, No.3, pp 15-16, 1954.

Chief, Plan Financing Department

Translation - Trans.No.533, 6 Apr 56

CHERIVANENKO, K. P.

USSR/ Miscellaneous - Editorial

Card 1/1 Pub. 133 - 13/24

Authors : Cherivanenko, K. P., Chief of Planning and Financial Department

Title : Serious deficiencies in the work of a regional communications unit

Periodical : Vest. svyazi 6, 22-23, June 1954

Abstract : Comment is made on the article in the newspaper "Pravda" entitled, "Lets do away with the Red Tape Bureaucratic Type of Supervision". The article refers to serious deficiencies discovered in the work of the Stavropol communications organization.

Institution : ...

Submitted : ...

CHERIVANENKO, K.P.

Improve the nomenclature of planning indices and simplify the system of financing. Vest. svyazi 17 no.12:15-16 D '57. (MIRA 10:12)

1. Nachal'nik planovo-finansovogo otдела Stavropol'skogo krayevogo upravleniya svyazi.

(Telecommunication--Finance)

CHERIVYY, A.T.

27162 CHERIVYY, A.T. , POLOYNKOVA, K.B. - Ekspress-metod opredeleniya obshchey sery v uglyakh i kokse. Zavodskaya laboratoriya, 1949, No. 6, s. 1002-03.

S0: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

ASHUMOV, G.G.; CHERFAS, S.I.; NASIROV, A.B.

Studying the composition and properties of tar fractions in the
Kyuvordag petroleum, fuel oil and oil tar. Azerb.neft.khoz. 39
no.9:39-42 S'60. (MIRA 13:10)
(Kyurovdag region--Petroleum--Analysis)

TRAKMAN, Yu.G.; CHERIKOVSKAYA, T.Ya.

Infusion of Sterculia platanfolia. Med. prom. 14 no.5:56-57 My
'60. (MIRA 13:9)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut.
(STERCULIA)

AUTHOR: Lifshits, G.I.,
Bordrov, S.M.,
Cherkalev, N.Ye. SOV/94-58-10-9/20

TITLE: A Complex Proposal for Power Economy in Refrigeration
(Kompleksnoye predlozheniye po ekonomii elektroenergii
na vyrobotku kholoda)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 10, pp 22-23 (USSR)

ABSTRACT: This is a suggestion that was awarded a fifth premium
in an All-Union Power Economy competition. In
refrigeration power may be economised by reducing the
pressure or temperature of condensation and by raising
the pressure or temperature of evaporation. It is also
important that the compressor should operate on dry gas
and data are given relating gas dryness to compressor
indicated efficiency. Artesian well water was employed
to reduce the condensation temperature. Measures taken
to ensure dry running of the compressors are described.
The ammonia system was sub-divided to have two
different evaporation temperatures to suit different

Card 1/2

SOV/94-58-10-9/20

1. Complex Proposal for Power Economy in Refrigeration

processes. The lay-out of the refrigerator circuits was improved. The measures described resulted in a power economy of 10%. There are 2 figures.

Card 2/2

CHERKALIN, I. P., Eng.

"Investigation of the Method and Characteristics Which Determine the Mechanical Properties of High-Quality Cast Iron." Thesis for degree of Cand. Technical Sci. Sub 22 Jun 49, Moscow Machine Tool Inst imeni I. V. Stalin.

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

CHERKALOVA, L.I.

History of the development of the concept of a number in
Central Asiatic mathematics from the 10th to the 15th
century. Uch. zap. IAr. gos. ped. inst. no.34:303-321
'60. (MIRA 15:9)

(Mathematics, Arabic)

CHERKALOVA, L.I.

Ratios and numbers at the end of the 16th and beginning of the
17th century. Dokl. na nauch. konf. 1 no.3:130-135 '62.

(MIRA 16:8)

(Mathematics--Early works to 1800)

L 21998-66 ENT(m)/EMP(j) VW/RM

ACCESSION NR: AP5024502

UR/0191/65/000/010/0025/0027
678.644'142.01:537.226

AUTHOR: Sazhin, B. I.; Eydel'nant, M. P.; Belosludtseva, Ye. I.; Cherkanov, S. P.; Grebenshchikova, V. A.

TITLE: Dielectric properties of polypropylene oxide

SOURCE: Plasticheskiye massy, no. 10, 1965, 25-27

TOPIC TAGS: polymer, electric property, dielectric permeability, specific resistance, dielectric loss, crystalline polymer, amorphous polymer, dielectric property

ABSTRACT: The electric properties of polypropylene oxide (PPO) were investigated in the absence of literature data. The dielectric permeability and the tangent of the angle of dielectric loss were determined in the -120 to -80 C temperature range at frequencies from 10^{-1} to 10^6 cycles/sec for samples having different degrees of crystallinity. Maximum dielectric permeability and dielectric losses were observed in the -70 to -20 C temperature range at all frequencies. These values decreased with increase in polymer crystallinity. From the apparent energy of activation calculated for the 10^2 - 10^5 cycles/sec range, 41 kcal/mol

I 21998-66

ACCESSION NR: AP5024502

the losses are of the dipole-elastic type. The maximum temperatures for the dielectric and mechanical losses are both about -65C, indicating the same mechanism, that is, segmentary movement of macromolecules in the amorphous region. The extent of the contribution to static dielectric permeability introduced by dipole-elastic polarization decreases as the degree of crystallinity increases. At room temperature, dielectric permeability values decrease and resistivity increases as the crystallinity of the PPO is increased. "X-ray determinations of the degree of crystallization were determined by M. A. Martynov." Orig. art. has: 4 figures, 1 table and 4 equations.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: 07, 20

NR REF SOV: 002

OTHER: 004

Card 2/2 BK

KOVAL'CHUK, Viktor Semenovich. Prinimal uchastiye KITAYEVICH, B.Ye.,
prepodavatel'; BORODIN, N.I., kand. tekhn. nauk, dotsent, retsen-
zent; REVUT, D.B., inzh., retsenzent; CHERKANOV, V.V., inzh., re-
tsenzent; TRUBAKOV, A.A., inzh., spets. red.; FRISHMAN, Z.S., red.
izd-va; KOTLYAKOVA, O.I., tekhn. red.

[Fundamentals of radio engineering] Osnovy radiotekhniki. Lenin-
grad, Izd-vo "Morskoi transport," 1961. 279 p. (MIRA 14:10)
(Radio) (Radio in navigation)

SUKHOLUTSKIY, G.M., inzh.; CHERKAS, A.I., inzh.

Applying reusable metal casings in laying concrete foundations.
Prom. stroi. 36 no.11:6-8 N '58. (MIRA 12:1)
(Foundations)

1-6818. Influence of medicinal hypnosis on development of experimental anaerobic infection. N. I. Ivanova, G. P. Cherkas, and M. D. Fetrenko. Soviet Medical Journal, 1967, 10: 215-218. (Moscow, U.S.S.R.)

protection against the disease. The results of the experiments conducted in the laboratory of the Institute of Microbiology and Immunology of the University of Illinois at Urbana-Champaign, and the results of the experiments conducted in the laboratory of the Institute of Microbiology and Immunology of the University of Illinois at Urbana-Champaign, are presented in Table 1. The results of the experiments conducted in the laboratory of the Institute of Microbiology and Immunology of the University of Illinois at Urbana-Champaign, are presented in Table 1.

USSR / Microbiology. Anaerobic Bacilli.

F-6

Abs Jour: Ref Zhur-Biol., No 13, 1958, 72214.

Author : Cherkas, G. P., Khodorova, Z. N., Bergol'tsova,
L. A.

Inst : Kharkov Scientific-Research Institute of Vaccines
and Sera.

Title : Comparative Evaluation of the Effectiveness of
Different Antigens and Methods of Immunization
Used for the Obtaining of Antiperfringens Sera
in an Experiment.

Orig Pub: Tr. Khar'kovsk. n.-i. in-ta vaktsin i syvorotok,
1957, 24, 173-180.

Abstract: No abstract.

Card 1/1

CHERKAS, G. P.: Doc Biol Sci (diss) -- "Active immunization against gas gen-
grene with dianatoxin perfringens and edematiens". Khar'kov, 1958. 22 pp
(Min Agric USSR, Khar'kov Vet Inst), 300 copies (KL, No 5, 1959, 146)

CHERKAS, G.P.

Method for making a preparation for active immunization against Clostridium perfringens and Cl. oedematiens. Zhur.mikrobiol.epid. i immun. 29 no.7:60-65 J1 '58 (MIRA 11:8)

1. Iz khar'kovskogo instituta vaktsin i syvorotok imeni Mechnikova.
(CLOSTRIDIUM PERFRINGENS,
anatoxin, technic of prep. (Rus))
(CLOSTRIDIUM,
oedematiens, anatoxin prep. (Rus))

17(2,12)

SOV/16-59-9-19/47

AUTHOR: Cherkas, G.P...

TITLE: The Immunogenic Properties of Gangrenous Ditoxoid (Perfringens and Edematiens) as Studied on Man

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 9, pp 90-94 (USSR)

ABSTRACT: The literature contains many reports on studies of mono- and combined antigens for the active immunization of people against gas gangrene: G.V. Vygodchikov, S.A. Zelevinskaya, Z.M. Volkova, Kashintseva, A.V. Ponomarev, V.A. Bryzgalova, V.A. Kondrat'yev, etc. The preparations which they used, however, possessed only weak antigenic and immunizing properties. Cherkas, on the other hand, developed a method for preparing purified, concentrated gangrenous ditoxoid (Cl. perfringens and Cl. edematiens), adsorbed on aluminum hydroxide and possessing marked antigenic and immunogenic properties, as tested on laboratory animals. (For description of method c.f. Cherkas, 1958 in References). The strength of the toxoids is: Cl. perfringens up to 700 and Cl. edematiens up to 3,000 AU/ml. After laboratory tests on animals the ditoxoid was tried out for immunizing people, on whom

Card 1/3

SOV/16-59-9-19/47

The Immunogenic Properties of Gangrenous Ditoxoid (Perfringens and Edematiens) as Studied on Man

it proved harmless and areactogenic. After 2-3 injections of ditoxoid, Cl. perfringens antitoxin was found in the blood serum in amounts of 5-6 AU/ml, while Cl. edematiens antitoxin was found in amounts of 4-8 AU/ml. In cases where Cl. perfringens antitoxin was previously present in the blood, after immunization it rose to 8-17 AU/ml. Remote revaccination with the ditoxoid boosted the amount of Cl. perfringens antitoxin by 5 times and the amount of Cl. edematiens antitoxin by 18 times. In individual cases the titer of the first reached 8, and of the second 15 AU/ml. Serum from a person immunized with the ditoxoid had a preventive effect on mice. The results lead us to conclude that the gangrenous ditoxoid has marked immunogenic properties and can be used for active immunization against gas gangrene. There are 4 tables and 10 references, 7 of which are Soviet and 3 English.

Card 2/3

SOV/16-59-9-19/47

The Immunogenic Properties of Gangrenous Ditoxoid (Perfringens and Edematiens) as Studied on Man

ASSOCIATION: Khar'kovskiy institut vaktsin i syvorotok imeni Mechnikova (Institute of Vaccines and Sera imeni Mechnikov, Khar'kov)

SUBMITTED: February 10, 1958

Card 3/3

NECHAYEVSKAYA, M.R.; ZHIDOVTSSEV, V.M.; CHERKAS, G.P.; ZIMINA, O.I.;
KALINICHENKO, N.F.

Effect of X-irradiation on immunity to the pathogens of gas gangrene
and tetanus. Zhur.mikrobiol.epid.i immun. 32 no.1:113-117 Ja '61.
(MIRA 14:6)
(CLOSTRIDIUM) (X RAYS--PHYSIOLOGICAL EFFECT)

LESHCHENKO, P.D., kand.med. nauk, otv. red.; CHERKAS, G.P., prof., red.; PALANT, B.L., prof., red.; PEDENKO, A.I., kand. med. nauk, red.; KISELEV, R.I., doktor med. nauk, red.; KOSHEL', N.G., red.

[Diphtheria; transactions] Difteriia; sbornik trudov. Kiev, Gosmedizdat USSR, 1963. 155 p. (MIRA 17:6)

1. Respublikanskaya nauchno-prakticheskaya konferentsiya po likvidatsii difterii v USSR. 2. Ministerstvo zdravookhraneniya Ukr.SSR (for Leshchenko). 3. Khar'kovskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok im. I.I. Mechnikova (for Pedenko).

DUDARENKO, G.V.; CHERKAS, G.P.; SHCHELOKOVA, A.V.; RUMYANTSEVA, I.V.

Effectiveness of dry antigangrenous sera in topical use under experimental conditions. Nauch. otn. proizv. bakt. prep. 10:293-301 '61. (MIRA 18:7)

1. Khar'kovskiy institut vaktsin i syvorotok im. Mechnikova.

OVCHARENKO, O.I.; CHERKAS, G.P. [Cherkas, H.P.]; ZHUK, G.S. [Zhuk, H.S.]

Effect of bacterial toxins on the tissue culture. Mikrobiol. zhur.
26 no.5:44-49 '64. (MIRA 18:7)

1. Khar'kovskiy institut vaktsin i syvorotok im. Mechnikova.

WASD L 05134-67 EWT(1) JK

WAB-50

ACC NR: AP6031134 SOURCE CODE: UR/0438/66/028/004/0056/0061

19

B

AUTHOR: Nechayevs'ka, M. R. -- Nechayevskaya, M. R. ; Cherkas, G. P. --
Cherkes, G. P. ; Kalinichenko, M. F. -- Kalinichenko, N. F. ; Biryukova, S. V. ;
Berezhkivs'ka, L. Ya. -- Berezhkovskaya, L. Ya. ; Pidgorna, L. G. -- Podgornaya,
L. G. ; Mukhina, A. O. -- Mukhina, A. A. ; Polchenko, O. T. ; Leybova, I. M. ;
Konik, V. Ya.

ORG: Khar'kov Institute of Vaccines and Sera im. Mechnikov (Kharkivs'kyy
institut vaktsin i sirovstok)

TITLE: Formation conditions of anatoxins of Clostridium perfringens, Cl.
Oedematiens and Cl. septicum from toxins obtained in meatless media

SOURCE: Mikrobiologichnyy zhurnal, v. 28, no. 4, 1966, 56-61

TOPIC TAGS: toxoid, toxin, clostridium perfringens, Clostridium oedematiens,
Clostridium septicum, bacteria toxin

ABSTRACT: Detoxification conditions for Clostridium perfringens, Cl. oedematiens
and Cl. septicum toxins were studied. Cl. perfringens is best denatured by adding
two doses of 0.3 and 0.2% formaline at 24-hr-intervals, while maintaining the pH

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L 05134-67

ACC NR: AP6031134

of the medium between 7.2—7.4, and the temperature at 38C. Detoxification takes seven to ten days under these conditions. The antitoxin-fixing activity of the toxoid obtained fluctuates between 4 and 8 EC with the native toxin titer being 400—800 Dlm/ml. The best procedure for denaturation of *Cl. oedematiens* toxin is addition of 0.4% Formalin. A temperature of 38C is maintained for two days, followed by storage at room temperature for 5—7 days. Toxoids with antitoxin-fixing activities of 70--120 EC and a native toxin activity of 15,000--22,000 Dlm/ml were obtained. The *Cl. septicum* was denatured with minimum loss of antitoxin-fixing properties by the addition of two consecutive doses of 0.15 and 0.1% Formalin, at 38C for two days with subsequent storage at room temperature for 5—7 days. The resulting toxoids have an activity of 2--4 EC with native toxin titers of 200--400 Dlm/ml. [Based on authors' abstract] [W.A.50] [GC]

SUB CODE: 06, 13/ SUBM DATE: 07Apr65/

Card 2/2

CHERKAS, I.A., veterinarnyy vrach.

In vivo diagnosis of tapeworm in swine. Veterinariia 31 no.2:57
F '54. (MLRA 7:2)

1. Nachal'nik OPVK Tuapsinskogo myasokombinata Krasnodarskogo
kraya. (Swine--Diseases) (Tapeworms)

AUTHORS: Penin, N.A. and Cherkas, K.V. SOV/109-3-12-8/13

TITLE: Influence of Recombination in the Non-rectifying Electrode on the Characteristics of Alloyed Germanium Diodes (Vliyaniye rekombinatsii u nevypryamlyayushchego elektroda na svoystva splavnykh germaniyevykh diodov)

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol 3, Nr 12, pp 1495 - 1500 (USSR)

ABSTRACT: The results of an experimental investigation of the effect of the second electrode on the basic properties of alloyed diodes of variable base thickness are reported. The non-rectifying electrode in this experiment was either in the form of an alloyed tin contact or was formed by a thin layer of copper on the surface of germanium. The investigations were carried out on alloyed germanium-indium diodes in which the diameter of the rectifying contact was approximately equal to the diffusion length of the minority carriers. The thickness of the base was such that w/L varied from 2 to 0.1; w is the base thickness while L is the diffusion length. For each ratio w/L , a number of samples were investigated; these were fitted with the two types of contact. The saturation current of the diodes was measured as a function of w/L for

Card1/4

SOV/109-3-12-8/13

Influence of Recombination in the Non-rectifying Electrode on
the Characteristics of Alloyed Germanium Diodes

several values of the hole diffusion coefficient D and recombination velocity S . The results are shown in Figure 1. Here, the black dots on Curve 1 correspond to the diodes with copper electrodes, while the small circles on Curve 2 relate to the diodes with tin electrodes. The dependence of the diffusion capacitance of the diodes on the base thickness is illustrated (for both types of the contact) in Figure 2. The frequency dependence of the diffusion capacitance and the resistance of the diodes is illustrated in Figures 3 and 4. The curves of Figure 3 were taken for $w/L = 2$; $w/L = 0.3$ (with a tin electrode) and for $w/L = 0.3$ with a copper electrode; the resistances of the same diodes are shown in Figure 4. The frequency characteristics of the diodes can be represented by the so-called critical frequency, which is defined as the frequency at which the value of the rectified voltage (when employing the diode as a detector) was reduced to half, in comparison with the low-frequency value. The measurements of the critical frequency were effected by the circuit of Figure 5. The resulting data

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SOV/109-3-12-8/13
Influence of Recombination in the Non-rectifying Electrode on
the Characteristics of Alloyed Germanium Diodes

were used to determine the lifetime τ of the minority carriers in the bulk of the semiconductor. These lifetimes are shown in the table on p 1500 for both types of the electrode, for various values of w/L . The experimental results obtained in this work show that at small base thicknesses, the properties of p-n junctions depend on the recombination of non-equilibrium current carriers in the non-rectifying electrode. In particular, it was shown that the saturation current of the diodes increases with decreasing w , if the recombination velocity in the second electrode is $S > D/L$ and decreases if $S < D/L$. It was also found that the capacitance and the resistance of the diodes become less frequency-dependent if the base thickness is reduced. The authors express their gratitude to S.G. Kalashnikov for valuable advice and to A.N.Kovalev for help in the measurements.

Card 3/4

SOV/109-3-12-8/13

Influence of Recombination in the Non-rectifying Electrode on
the Characteristics of Alloyed Germanium Diodes

There are 5 figures, 1 table and 7 references, 4 of which
are English and 3 Soviet.

SUBMITTED: May 5, 1958

card 4/4

24 2750

43132

S/181/62/004/011/035/049
B108/B102

AUTHORS: Fistul', V. I., and Cherkas, K. V.

TITLE: The thermo-e.m.f. of highly doped n-type germanium

PERIODICAL: Fizika tverdogo tela, v. 4, no. 11, 1962, 3288 - 3292

TEXT: The thermo-e.m.f. of germanium single crystals doped with As, Sb, or P nearly to saturation was measured at room temperature using a potentiometer circuit. The experimental values of the differential thermo-e.m.f. α of As-doped germanium for As concentrations n of between $5 \cdot 10^{18}$ and $4 \cdot 10^{19} \text{ cm}^{-3}$ fit on a straight line in the coordinates α versus $\log n$. The inclination of this line is greater here than for germanium samples with a lower impurity concentration. α proved to be dependent on the type of impurity, which was expected since the mechanism of carrier scattering is decisive for the thermo-e.m.f. At equal impurity concentrations, α_{Sb} is greater than α_{As} . Phosphorus-doped samples showed the same thermo-e.m.f. as samples doped with arsenic. According to the theory this should not be the case. It is therefore supposed that P constitutes an

Card 1/2

The thermo-e.m.f. of highly...

S/181/62/004/011/035/049
B108/B102

acceptor-type impurity. There are 2 figures and 1 table.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut redkometallicheskey promyshlennosti, Moskva (State
Design and Planning Scientific Research Institute of the
Rare Metals Industry, Moscow) ✓

SUBMITTED: May 15, 1962

Card 2/2

ACCESSION NR: AP4011730

8/0181/64/006/001/0016/0018

AUTHORS: Cherkas, K. V.; Fistul', V. I.

TITLE: Low temperature measurements of thermoelectromotive force in highly doped n-type germanium

SOURCE: Fizika tverdogo tela, v. 6, no. 1, 1964, 16-18

TOPIC TAGS: thermoelectromotive force, doped semiconductor, low temperature property, germanium, current carrier, degeneracy, entrainment

ABSTRACT: This is a continuation of previous work by the authors (FTT, 4, 3288, 1962). The previous work was carried out at room temperature, this at low temperature. The same samples were used. Studies were made on the concentration dependence of the thermoelectromotive force, the concentration dependence of degeneracy, and the temperature dependence of effective mass in n-type germanium doped with arsenic, antimony, and phosphorus. The results are summarized in Figs. 1-3 on the Enclosures. The authors point out that the increase in thermoelectromotive force at concentrations below $2 \cdot 10^{18} \text{ cm}^{-3}$ is apparently due to entrainment,

Card 1/5

ACCESSION NR: AP4011730

but this aspect was not studied. Orig. art. has: 3 figures and 5 formulas.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut
redkometallicheskoj promyshlennosti, Moscow (State Scientific Research Institute
of the Rare-Metal Industry)

SUBMITTED: 05Jun63

DATE ACQ: 14Feb64

ENCL: 03

SUB CODE: NC

NO REF SOV: 002

OTHER: 005

Card 2/5

ACCESSION NR: APL021730

ENCLOSURE: 01



Fig. 1. Concentration dependence of the thermoelectromotive force in doped Ge; $T = 100K$

Doped with: 1 - As; 2 - Sb; 3 - P; 4 - Sb (according to data of H. Frederikse, Phys. Rev., 92, 248, 1953); 5 - As (from data of T. H. Geballe and G. W. Hull, Phys. Rev., 94, 1134, 1954).

Card 3/5

ACCESSION NR: AP6011730

ENCLOSURE: 02

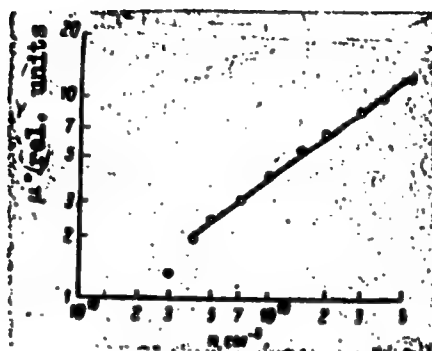


Fig. 2. Dependence of degree of degeneracy in As-doped Ge on carrier concentration; $T = 100\text{K}$.

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ACCESSION NR: APL011730

ENCLOSURE: 03

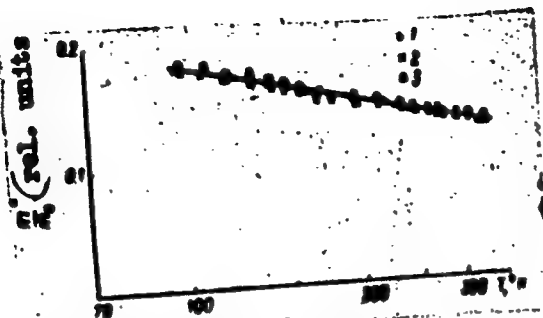


Fig. 3. Temperature dependence of effective mass of the density of state in Ge with different contents of As
 1 - $5.3 \cdot 10^{19} \text{ cm}^{-3}$; 2 - $1.6 \cdot 10^{19} \text{ cm}^{-3}$; 3 - $2 \cdot 10^{18} \text{ cm}^{-3}$.

Card 5/5

CHERKAS, L.A.

Semistable cycles of a two-dimensional autonomous system.

Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:15-16 '62.

(MIRA 18:3)

S/250/62/006/003/001/004
1027/1227

AUTHOR: Cherkas, L.A.

TITLE: On the limit cycles of an autonomous system

PERIODICAL: Akademiya nauk Belaruskay SSR. Doklady. v.6, no.3,
1962, 145-146

TEXT: The author investigates the system

$$\frac{dy}{dt} = \alpha x + \beta y + a_{20}x^2 + a_{11}xy + a_{02}y^2; \quad \frac{dx}{dt} = \beta x - \alpha y + b_{20}x^2 + b_{11}xy + b_{02}y^2 \quad (1)$$

in case $\alpha > 0, \beta > 0$, the origin is the only singularity in the finite plane, and at infinity the only singularity is in the direction with angle coefficient φ . (These conditions are expressed by two inequalities which the coefficients of (1) have to satisfy.) By investigating (1) at infinity it is possible to give conditions for odd and even number of limit cycles. The number is odd in case of instability at infinity for $t \rightarrow +\infty$, and even in case of

Card 1/2

S/250/62/006/003/001/004
I027/I227

On the limit cycles...

stability. The neighborhood of infinity is studied by means of the transformation $y = \eta - r/\xi$, $x = 1/\xi$, and the condition for instability is stated.

The case $\alpha < 0$, $\beta < 0$ is reduced to the former one by coordinate transformation.

[Abstracter's note: Essentially complete translation.]

ASSOCIATION: Belorusskiy gosudarstvennyy universitet im V.I. Lenina (Lenin Belorussian State University)

PRESENTED: By I.P. Vorngin, AN-SSSR, Academician

SUBMITTED: August 11, 1961.

Card 2/2

S/250/62/006/006/001/006
I027/I242

AUTHOR: Cherkas, L.A.

TITLE: The limit cycles of an autonomous system

PERIODICAL: Akademiya nauk Belorusskoy SSR. Doklady, v.6, no.6,
1962, 347-350

TEXT: In order to study the autonomous system

$$\frac{dy}{dt} = P(x,y), \quad \frac{dx}{dt} = Q(x,y) \quad (1) \quad \sqrt{B}$$

where P and Q are polynomials of the 2nd order, the author considers also the system

$$\frac{dy}{dt} = P \cos \varphi + Q \sin \varphi, \quad \frac{dx}{dt} = -P \sin \varphi + Q \cos \varphi \quad (2)$$

which is obtained by turning the direction field (PQ) at each point (x,y) through a fixed angle φ . The integral curves of (1) are curves without contact with the system (2) and conversely. If there is only one singularity in the finite part of the plane,

Card 1/2

S/250/62/006/006/001/006
I027/I242

The limit cycles of...

then by a similarity transformation and by turning the direction field, one can arrive at the form

$$\frac{dy}{dt} = a_{00} + a_{10}x + a_{01}y + a_{20}x^2 + a_{11}xy + a_{02}y^2, \quad \frac{dx}{dt} = xy \quad (4)$$

The various possibilities which arise for the system (4), depending on the values of a_{ij} , are discussed, including the case of more than one singularity in the finite part of the plane. In particular, the number of the limit cycles is determined.

ASSOCIATION: Belorusskiy gosudarstvennyy universitet im. V.I. Lenina (Belorussian State University im. Lenin)

PRESENTED: by N.P. Kerugin, Academician, AS BSSR

SUBMITTED: November 2, 1961

Card 2/2

CHERKAS, L.A.

Analytic structures of solutions to the equation.

$$\frac{dy}{dx} = \frac{\mu y + \sum_{i+k=n} a_{ik} x^i y^k}{\mu x + \sum_{i+k=n} b_{ik} x^i y^k}$$

Dokl. AN BSSR 7 no.8:516-519 Ag '63.

(MIRA 16:10)

1. Mogilevskiy mashinostroitel'nyy institut. Predstavleno
akademikom AN BSSR N.P. Yeruginym.

CHERNKAT, L.A.

Algebraic solutions to the equation

$$\frac{dy}{dt} = -\frac{P(x,y)}{Q(x,y)}$$

where P, Q are polynomials of the second degree. Dokl. Ak. NBSR
7 no.11:732-735 II '63. (MIRA 17:9)

i. Mogilevskiy mashinostroitel'nyy Institut. Izdatel'stvo Akademii
AN BSSR N.P. Yeruginya.

GURSKIY, Yevgeniy Ivano"ich; YERSHOVA, Vera Vasil'yevna; IVANOVA, I.L.
retsenzent; KIR'YANOVA, V.M., retsenzent; NAKHIMOVSKAYA, A.N.,
retsenzent; KOLOBOV, A.M., retsenzent; CHERKAS, L.A.,
retsenzent; SHERDYUKOVA, S.I., red.

[Fundamentals of linear algebra and analytic geometry] Osnovy
lineinoi algebry i analiticheskaya geometriya. Minsk, Vys-
shaya shkola, 1965. 262 p. (MIRA 18:9)

CHERKAS, M.N.

No lagging should be tolerated side-by-side with progressive work. Ugol' Ukr. 3 no.9:37 S '59. (MIRA 13:2)

1. Brigadir shakhty No.29 tresta Rutschenkovugol'.
(Coal mines and mining--Labor productivity)

CHERKAS, V.A.

Acute intestinal obstruction caused by the inflammation of
Meckel's diverticulum. Zdrav. Bel. 9 no.8:86-87 Ag⁶³
(MIRA 17:3)

1. Iz khirurgicheskogo otdeleniya (zav. - P.A. Rudzik) Pin-
skoy gorodskoy bol'nitsy (glavnyy vrach A.V. Oliferko).

CHERKAS, V. K.

Cherkas, V. K. "Geophysical Methods of Prospecting." *Geologiya na Fronte Industrializatsii*, Rostov, No. 1/2, 1932, pp. 15-20.

CHERKAS, Ye.V., kandidat meditsinskikh nauk

Effect of ommisurotomy on the pulse in the radial arteries. Vrach.
delo no.2:189-190 F '56. (MLRA 9:7)

1. Terapevticheskaya klinika (zaveduyushchiy professor V.A.El'berg)
sanitarno-gigiyenicheskogo fakul'teta Kiyevskogo meditsinskogo insti-
tuta na baze gorodskoy bol'nitsy Molotovskogo rayona.
(MITRAL VALVE--SURGERY) (PULSE)

CHERKAS, Ya.V., kand.med.nauk

Diagnosis of a dissecting aneurysm of the abdominal aorta.

Vrach.delo no.3:281 Mr'58

(MIRA 11:5)

1. Kafedra terapii (zav. - prof. V.A. El'berg) sanitarno-gigiyenicheskogo fakul'teta Kiyevskogo meditsinskogo instituta na baze gorodskoy klinicheskoy bol'nitsy Shevchenkovskogo rayona g. Kiyeva.
(AORTIC ANEURYSMS)

CHERKAS, Ye.V., kand.med.nauk

Case of anemia caused by lead. Vrach.delo no.10:106-107 0 '60.
(MIRA 13:11)

1. Kafedra terapii sanitarno-gigiyenicheskogo fakul'teta
Kiyevskogo meditsinskogo instituta.
(LEAD--POISONING)
(ANEMIA)

CHERKASHCHENKO, I. I., Cand Agr Sci -- (diss) "Structure and function of ^{various portions of the} ~~different~~ udder ~~quarters~~ of the Ural Black-Spotted cattle." Mos, 1957. 20 pp (All-Union Sci Res Inst of Animal Husbandry, Department of Cattle ^{Raising} ~~Breeding~~), 110 copies (KL, 2-58, 114)

-47-

CATEGORY : Farm Animals.
 Cattle.
 ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11991
 AUTHOR : Geraschenko, I. I.
 TITLE : Milk flow through the Different Lobes in the Bovine Udder
 ORIG. PUB. : Byul. nauchno-tekh. inform. Vses. n.-i. in-t
 "Izobrazheniya, 1957, (vyp.) "Izobrazheniya,"
 ABST : In order to study the milk flow from the
 various lobes of the udder, 30 normally
 lactating cows with cup-shaped, rounded and
 goat-like forms of the udder (10 heads of
 each shape) were selected. The milking was per-
 formed by a triple action milking machine,
 with a 30 cm of the mercury column vacuum, ad-
 justed to the sucking rhythm, under the teat
 30-40 pulsations per minute. It was establish-
 ed that in cows with a cup-shaped udder the
 time of milk secretion from the right anterior

and:
 1/2 *6-10

INT. JOUR. : VESR
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : lobe amounted to 6 min 43 sec, from the left anterior lobe to 6 min 42 sec, from the right posterior lobe to 7 min 18 sec, and from the left posterior lobe to 7 min 12 sec; in cows with a rounded udder it amounted correspondingly to 5 min 45 sec, 5 min 40 sec, 6 min 48 sec, and 6 min 54 sec; in cows with a goat-like udder to 5 min 12 sec, 5 min 6 sec, 7 min 30 sec, and 7 min 36 sec. It is recommended to select cows with cup-shaped and rounded udder formations for machine milking.

CARD: 2/2

24

COUNTRY : USSR
CATEGORY : Farm Animals. Q
Cattle.
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25796
AUTHOR : Cherkashchenko, I. I.
INST. : All-Union Scientific Research Institute of*
TITLE : The Structure and Function of the Udder's Lobes
of Various Forms in Cows.
ORIG. PUB. : Byul. nauchno-tekhn. inform. Vses. n.-i. in-t
zhivotnovodstva, 1958, No 1 (5), 7-9
ABSTRACT : No abstract.

CARD: 1/1
*Animal Husbandry.

17

COUNTRY : USSR
 CATEGORY : Farm Animals.
 TITLE : Cattle.
 JABS. JOUR. : RZhBiol., No. 3, 1959, No. 11988
 AUTHOR : Cherkashchikova, I. I.
 INST. : - Between
 TITLE : The Correlation / the Microstructure and
 Productivity of Various Udder Lobes in Cows.
 ZHURN. PUB. : Vopr. s.-kh. nauki, 1958, No 2, 131-136
 ABSTRACT : Milk production of 10 lactating cows was
 studied as well as the composition of milk and
 its microstructure (histological characteris-
 tics) and correlative molds were prepared of
 each udder lobe (this was recorded during the
 non-pregnant period). It was noted that the
 left half of the udder surpasses the right
 one: by 3.46 percent in terms of weight, by
 5.52 percent according to the quantity of milk
 secretion, by 5.66 percent in terms of

CASE. 1/2

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ABSTRACT : milk fat; correspondingly, 20.64, 15.72, and 18.5 percent. The milk from the various lobes of the udder is not identical in its chemical composition. It was established that the development of the udder's secretory tissue affects milk production. Microphotographs of tissue specimens, average indicators of microstructure, chemical composition of milk of the udder's various lobes and halves are presented. -- M. F. Demina

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